

BROOKHAVEN BULLETIN

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Some Conference participants meet members of the press at Berkner Hall on Tuesday, (from left) Claire Stern, Long Island Environmental Council; Gordon Riley, Dalhousie University; G.T. Csanady, Woods Hole

Oceanographic Inst.; B. Manowitz, BNL; Edwin O. Bell, Mobil Oil Corp.; E.H. Harlow, Frederic R. Harris, Inc.; and C.G. Gunnerson, NOAA.

Experts Exchange Views On Energy And The Sea

Floating nuclear power plants and offshore drilling for oil were the proposed industrial activities presented to the Conference on Effects of Energy Related Activities on the Atlantic Continental Shelf, meeting at Berkner Hall on November 10-12.

In his opening remarks to scientists, industrialists and public officials, Laboratory Director George Vineyard, said the meeting, "illustrated the government's willingness to take a hard look at the region well in advance of proposed activities."

Bernard Manowitz, General Program Chairman, said he expected the conference to serve as a, "useful tool for decisionmakers, and as a forum for learning the public perception of environmental impacts."

Robert L. Mittl, Public Service Electric and Gas Co. of New Jersey, described two floating nuclear units within a protective breakwater, which would be placed on a site 12 miles northeast of Atlantic City, 2.8 miles offshore. The units, identical to land-based plants, would occupy 100 acres, making it the largest man-made structure in the ocean. Models of the breakwater and plants have been tested extensively under severe storm conditions.

Mittl said the company had made comprehensive environmental studies to show that the nuclear plants and marine life could "co-exist" satisfactorily. Other oceanographic and meteorological studies indicated the station would have no adverse impact on the environment, he said.

The proposals submitted to the AEC in 1973 are still under review and license approval is expected in 1977. The first plant is expected to be in operation by 1985. Mr. Mittl said that the cost of the floating nuclear plants is less than fossil generated plants and land based nuclear plants.

Edwin O. Bell, an official of the Mobil Oil Corp., said the U.S. demand for oil exceeds supply by six million barrels a day. He indicated that the bulk of the oil needed, "is expected to be from fields not yet discovered."

He noted three areas as having the greatest potential for offshore oil: Georges Bank, about fifty miles southeast of Montauk Point, Baltimore Canyon Trough which begins about sixty miles south of Long Island, and the Southeast Georgia Embayment. Sales of drilling rights in the areas about fifty to seventy miles from Long Island have been scheduled by the federal government in 1976. Bell said the potential oil yield is estimated to be six million barrels in the Atlantic offshore region.

At a press conference Tuesday, covered by local press and radio, most of the questions were directed to Mr. Bell. They were concerned with the lack of environmental studies conducted by Mobil on the East Coast and the problem of oil spills. Bell did not consider the environment and drilling for oil an "either/or" situation, and said that 98% of the oil spills comes from disposal of used crank case oil and tanker cleaning operations, not from producing organizations.

Claire Stern, representing the Long Island Environmental Council, felt that decisions concerning offshore drilling for oil should be made, "by the public, not just oil companies and parts of the government."

The press was also concerned with the effect on marine life of sewage disposal and the thermal action of nuclear plants.

On the latter question, Beatrice E. Willard, Member of the Council on Environmental Quality, said that the Council would advocate coal-generating electrical plants in the near term and would not recommend increased construction of nuclear power plants until the problems of radioactive wastes and safeguards had been resolved. If nuclear power plants are to be built, offshore would be the most desirable location, she said.

In her address to the Conference later that evening, Dr. Willard delineated a number of ecological principles and their use in making decisions on policy and implementation of activities on the continental shelf. The principle of everything being connected is of first importance, she said, and existing ecosystems must be identified. For example, knowing the flow patterns for energy within ecosystems provides us with knowledge of whether there will be thermal pollution or enrichment. On the Alaska Pipeline, Dr. Willard said, biologists work side by side with engineers so as not to disturb the upward path of spawning fish.

In summing up, she said that, environmental concern is not a "fad" but demonstrable scientific knowledge.

Experts on tides, marine life and the sea floor were among those who presented technical papers on the present state of knowledge relevant to the conference.

A panel composed of representatives of industry, environmental agencies, regulatory organizations and the public concluded the conference with a discussion on the adequacy of criteria for environmental impact statements.

The Environmental Impact Statement is the tool of the National Environmental Policy Act which became law January 1, 1970, and compels disclosure of proposed activities affecting the environment. As these statements tend to be voluminous, several panelists recommended that they be shortened and include alternatives. Although additional information is needed in various areas, panelists asked when do you have enough information? Another question asked was how do we determine when we have faced risks in an adequate way? The aspects of licensing were discussed, particularly the complexities involved in the floating nuclear power plant concept. The strength of public opinion was noted and a panelist recommended that all persons involved in a project should be included in the planning from the beginning, not after decisions have been made. Several panelists agreed that many environmental problems and decisions are, in the final analysis, political.

The full proceedings of the conference will be published in a few months.

Dr. Beatrice Willard ended her speech to the Conference Tuesday with a quote from the late Rachel Carson, a biologist whose early warnings of environmental damage awakened the public to this danger:

"I truly believe that we in this generation must come to terms with nature, and I think we are challenged, as mankind has never been challenged before, to prove our maturity and mastery, not of nature, but of ourselves."



The Alban Berg Quartet will give the second concert in the current series on Monday, November 17, at 8:30 p.m. in Berkner Hall. The program will feature three Fantasies by Purcell, the Lyric Suite by Berg, and the Quartet in F Major, KV 590, by Mozart.

Admission for adults is \$3.50; for students with identification, and persons over 65, \$1.75; and \$1.00 for persons under 18.

Tape Appointed ERDA Advisor

Dr. Gerald F. Tape, President of AUI, has been appointed by President Ford to the new General Advisory Committee to the Energy Research and Development Administration (ERDA), for a five-year term. The Committee will counsel the agency on its role in meeting America's energy needs.

The group recently concluded a two-day meeting in Washington where it was briefed on ERDA's role, research facilities and the energy plan for the future which was presented to Congress last summer.

Other members of this important body are: Arthur G. Hansen, President, Purdue University; Richard S. Morse, President, MIT Development Foundation, Inc.; Martin J. Ward, General President, United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the U.S. and Canada; William R. Gould, Executive Vice President, Southern California Edison Company; Charles J. Hitch, President, Resources for the Future, Inc.; Henry R. Linden, President, Institute of Gas Technology; Ruth Patrick, Chairperson and Chief Curator of Limnology, Academy of Natural Sciences; and Michael M. May, Associate Director-at-Large, Lawrence Livermore Laboratory.



Gerald F. Tape

Kato Appointed To Head Reactor Safety

Walter Y. Kato, a Senior Physicist who recently joined the staff of the Department of Applied Science, has been appointed Associate Chairman for Reactor Safety in that department.

In this position he will be responsible for the programs carried out for the Nuclear Regulatory Commission by the Division of Thermal Reactor Safety, Fast Reactor Safety and High-Temperature Gas-Cooled Reactor Safety. In addition, he will have program responsibility for the NRC work of the Reactor Materials Safety Group and Stress Analysis Group.

Dr. Kato is no stranger to Brookhaven. As a graduate student, he did his thesis re-(Continued on page 2)





Bernard Manowitz, Associate Chairman for Environmental Affairs in DAS and General Program Chairman of the Conference (left) listens to Edwin O. Bell, Mobil Oil Corp., answer query on oil operations at press conference.

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Discussions On Energy Proposals And The Environment



The concluding session of the Conference was devoted to a panel discussion of the adequacy of criteria for environmental impact statements. Members of the panel were: (from left to right) C.G. Gunnerson, Chairman, NOAA; C.S. Russell, Resources for the Future; Edwin O. Bell, Mobil Oil Corp.; E.H. Harlow, Frederick R. Harris, Inc.; D.W. Pritch-

ard, Johns Hopkins University; Rebecca Hanmer, U.S. Environmental Protection Agency; F.J. Clark, U.S. Nuclear Regulatory Commission; Gladwyn Hill, The New York Times; Claire Stern, Long Island Environmental Council; and Major General J.L. Kelly, U.S. Army Corps of Engineers.

Technical Food For Thought

Sessions 2, 3 and 4 of the Conference on Energy Related Activities were devoted to technical papers on characteristic processes of the Atlantic Continental Shelf. The sessions and the papers presented were:

Physical Processes

Chairman, G.T. Csanady, Woods Hole Oceanographic Institute

"Review of Oil Spreading on the Sea" D.P. Hoult, M.I.T.

"Tidal Water Movements"

C. J.R. Garrett, Dalhousie Univ.

"Wind-Driven and Thermohaline Circulation Over the Continental Shelves" G.T. Csanady

"Turbulence and Vertical Mixing"

C.H. Gibson, Univ. of Calif., San Diego "An Introduction to Shear Flow Dispersion and its Relevance to Dispersion on the Continental Shelf"

H.B. Fischer, Univ. of Calif., Berkeley

Biological Processes

Chairman, Gordon Riley, Dalhousie Univ. "Plankton Processes in Mid-Atlantic Nearshore and Shelf Waters"

T. J. Smayda, Univ. of Rhode Island "Petroleum, Temperature and Toxicants: Examples of Suspected Responses by Plankton and Benthos on the Continental Shalf"

tal Shelf"
H.P. Jeffries, Univ. of Rhode Island
"Structure and Stability in Marine Benthic
Communities of Southern New Eng-

A. Michael, Marine Biology Laboratory, Woods Hole

Kato Appointed (Cont'd.)

search in the Physics Department from March 1952 to September 1953, and received his Ph.D. degree a few months later from Pennsylvania State University.

Since that time he has had a distinguished career in fast reactor physics and reactor safety, principally at Argonne National Laboratory, where his career spanned 22 years. In order to devote his time to research, Kato relinquished his administrative responsibilities as Head of the Fast Reactor Experiments Section about five years ago and concentrated on current major reactor physics problems.

For the 1974-75 academic year, Kato received the prestigious Argonne Universities Association Distinguished Appointee Award, which he spent as Visiting Professor at the University of Michigan.

He has kept on top of reactor safety activities in many parts of the world, serving as a consultant to Brazil, and as a member of scientific delegations to Japan and various European countries. His first trip to Japan came about when he received a Fulbright Award as Research Professor at the Japan Atomic Energy Research Institute in 1958-59.

Kato is a Fellow of the American Nuclear Society and currently serves on its Board of Directors. He is also a member of the American Physical Society and the American Association for the Advancement of Science, and is a consultant to the Office of Nuclear Regulatory Research, NRC.

His wife, Anna, and their two daughters Cathryn and Barbara will join him at the end of the present school term. His son, Norman, is attending Swarthmore College.

"Patterns of Larval Fish Distributions in the Middle Atlantic Bight"

A.W. Kendall, NMFS Sandy Hook Laboratory

"Fishery Resources of the Northwest Atlantic Ocean"

R. Hennemuth, North East Fisheries Center.

Geological Processes

Chairman, J.R. Schubel, Marine Sciences Research Center, SUNY, Stony Brook

"A Review of Bottom Sediment Transport Mechanics on the Continental Shelf' R. Miller, Univ. of Chicago

"Bedforms on the U.S. Atlantic Continental Shelf: A Review"

D. Duane, National Oceanographic and Atmospheric Administration

"Distribution and Transportation of Suspended Sediment" J.R. Schubel

November Service Awards

Twenty-Five Years

Twenty Years

Nicholas Cipolla, Jr	Plant Engrg.
Joseph P. Disparti	
Haskell Frei	Reactor
Donald L. Horne	Applied Science
Julius Milau	Applied Science
Waldemar O. Sorenson	

Ten Years

Arthur H. Barnes	Central Shops
John Bennett	. Supply & Materiel
Franklin C. Densing	Instrumentation
John C. Herrera	'Accelerator
Raven B. McKenzie-Wilso	n Mech. Engrg.
Ruth K. Merker	Applied Math.
Peter E. Pyne	Physics
William Schwenzer	Plant Engrg.
Elliott N. Shaw	Biology
Alonzo P. Werner	Mech. Engrg.
Raymond M. Zaharatos	Accelerator

Gladwyn Hill (facing camera) of The New York Times and panel member, talks to Charles Gunnerson, NOAA, panel chairman.

Charm Workshop

A two-day workshop on the subjects of Charm and Direct Lepton Production will be held at Brookhaven on November 18 and 19. The purpose of the workshop is to stimulate thinking about how best to utilize the AGS hadron beams and equipment to study these very important topics.

The workshop will start with a general session at 9:30 a.m. on November 18, in the Physics Department Seminar Room. Scheduled speakers are Sheldon Glashow (Harvard) on Charm; Leon Lederman (Columbia) on Direct Leptons; and Horst Foelsche (BNL) on Beams. The workshop will then break up into working groups.

This is an open meeting and all interested persons are encouraged to attend. Anyone planning to attend should call Barbara Nichols, Ext. 3872. Other comments or questions may be directed to T.L. Trueman or N.P. Samios.

Lecture

A lecture open to the public, "Historical Overview: Native American Perspective" will be presented by Billie Nave Masters, a woman of Cherokee heritage and Supervisor of Teacher Education at the University of California, Irvine, on November 20, at Berkner Hall, at 3 p.m. and again at 8 p.m.

Scientific Openings

Scientific Advisor in ERDA's Tokyo Office. Will represent ERDA on matters pertaining to the development and implementation of bilateral and multi-lateral agreements for cooperation in both nuclear and non-nuclear energy R & D activities.

Chairperson, Mechanical Engineering Department, University of New Mexico, Albuquerque. Areas of specialization include applied mechanics, heat transfer and energy programs. Applicant must have earned doctorate, ability and interest in teaching and research and administrative capabilities.

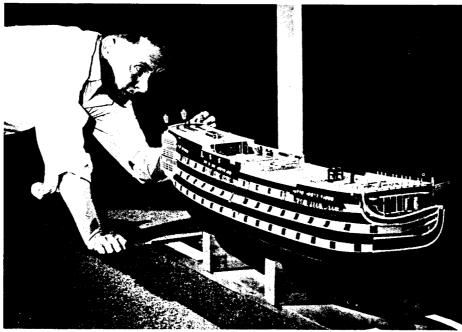
Details on both positions available from the Office of Scientific Personnel, 40 Brookhaven Avenue .



Edward O'Connell III (HPS) displays two of his abstracts, "Abscopal Effects" (left) and "Facilitated Diffusion" (right).



Committee Member Marietta Kuper inventories some of the 100 entries for the BNL Employees Art Show at Berkner Hall. The exhibit opened Tuesday evening and may be viewed weekdays from 11 a.m. to 2 p.m. until November 21. In the foreground, a wood sculpture by Anne Meinhold (wife of C. Meinhold, HPS).



Per Dahl (Accelerator) inspects one of his entries, a scale model of Lord Nelson's Flagship "Victory." Dahl put some 1400 hours into the unfinished project so far and "in about 1200 more hours, it will be complete," he said.

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CARL R. THIEN, Public Relations Officer

Letters To The Editor

To the Editor:

As the garden season draws to a close, some of us who have been fortunate enough to have been reaping the harvests from the community garden here on the BNL site, would like to thank Ruth Dimmler, hospitality chairman, for her work in beginning the project. She obtained permission for the garden and arranged for BNL crews to plow and fence the plot. Then she and her husband marked out the individual plots. Anyone wandering back of the apartment area laundry during the summer could see that the project was both a horticultural and social success

We'd also like to thank her for her hard work in making the railroad trips into the city such a success. We know the many calls to the railroad and making the arrangements for tours of the points of interest takes many hours of her time. We think it's great that we have someone who makes our stay at Brookhaven so pleasant. Thanks again, Ruth!

Patty and John Tanaka John and Rosemary Jewett Mary and Bob Place Bob and Arlene Hammer John Johnson Jan and Gary Small Wolfhardt and Ann Bottcher Girija Chikkappa Betsy Butcher Gail Bird

To the Editor: A Card Of Thanks

To all my friends, thank you for all the cards while I was ill in the hospital. And thanking everyone for their concern, phone calls and visits while I was home recuperating.

God bless you all. Sincerely, Big John Zahra

Save Fuel

With the advent of the cold winter weather close at hand, Laboratory employees are again requested to help conserve our heating fuel supplies.

In the morning set the thermostat to 68° maximum; when leaving the Lab at the end of the day turn down the thermostate to 60°. Wear a light sweater or suit jacket if chilly.

Arrivals & Departures

Arrivals

Frederick D. Kobasiuk	Accelerator
Imtiaz K. Madni	Applied Science
Beatrice E. Pyatt	Medical
Veronica M. Wilson	Medical
Yiu-Wah Wong	Applied Science

Departures

None

Cafeteria Menu Week Ending Nov. 21, 1975

Monday, November 17 Tomato Bouillion 1.00 Franks & Beans 1.25 Fresh Ham & 1 veg Tuesday, November 18 Cream of Chicken Soup 1.05 Chopped Steak & 1 veg. Chinese Pepper Steak on rice 1.20 Wednesday, November 19

Thanksgiving Special Turkey Noodle Soup or Apple Juice Breast of Turkey w/Dressing, Giblet Gravy & Cranberry Sauce

Baked Sugar-Cured Ham w/Candied Sweet or Whipped Potatoes Mashed Turnips or Mixed Vegetables Choice of Pie, Small Beverage \$2.00 plus tax Thursday, November 20

Puree of Mongol Soup Spanish Omelet & 1 veg. 1.00 Short Ribs of Beef & 1 veg. 1.25 Friday, November 21

Sea Food Chowder Stuffed Flounder & 1 Veg. 1.10 Pot Roast & 1 Veg 1.25

Electrical Apprentices Graduate



Associate Chairman Vincent O'Leary (left) congratulates John Read and Geoffrey Follenius who completed four years of training as electrical apprentices on November 5. They are now working as electricians in the Plant Engineering Division. -Photo by Rosen

Cooking Exchange

Allay your fears about cooking Long Island duckling; let the experts show you the secret. The big show will take place at the next session of the Cooking Exchange on Wednesday, November 19, at 12:30 p.m. in the Recreation Building.

Also on the demonstration menu will be black cherry sauce, orange sauce, sweet and sour cabbage, chestnut dressing and pumpkin cake.

For 25¢ a child, babysitting is provided. To cover demonstration expenses, a small 75¢ charge is requested from each person attending.

Audubon Lecture And Film

A National Audubon Society wildlife lecture and film, entitled "Adventure High Arctic" will be presented on Friday, November 21, at 8 p.m. in Berkner Hall. Sponsored by BERA, the evening program will feature Audubon wildlife film maker and lecturer Edgar T. Jones.

Ed Jones, conservationist, photographer and bush pilot, is a Canadian in love with the wildness of his country. President of the Alberta Wildlife Foundation, he has lectured and shown his films to thousands of adults and school children, fostering an interest in the environment.

1975 Brookhaven Tennis Champs



Men's Singles - Alan Rosenberg (Biology).



Women's Doubles - (left) Annalee Luhman (wife of Thomas Luhman, DAS) and Shizue Iwai (wife of J. Iwai, Medical). Mrs Iwai was also the Women's Singles winner.



Mixed Doubles - John Elmore (Medical) and Marie-Christin Saitta, (Physical Review).



Men's Doubles - Allan Auskern (DAS) and Andrew Kevey (Physics) holding Merkle Cup, donated by friends of the late Walter Merkle, a BNL tennis enthusiast.

Bowling News

Cathy Van Noy

Pink League

"Congrats" to the Spares who won first place with the Swingers only losing by one point. Gross series goes to the Fiscal Assets with a 2441. Individual gross was won by Betty Jellett 643. High games for the evening went to Cathy Van Noy 207 and Marge Stockel 173. Marge also won the high gross pot with a 221.

Black N Blue League

Going into position night for the first third, the "Odd Balls" are in the lead by 11/2 points. There are four teams that could take over the first place spot. "Congrats" to Jere Austin on winning his 678 club award with a 693 gross series. High games went to Jere Austin 209, Pat Lebitshi 170, Ellie Murgatroyd 162 and Debbie Antonio 160. Pots won by Jere Austin 271 and Pat Lebitshi 224.

Purple and White League

The Flounders are still leading the league after taking another 7 points. Marge Belligan now holds the high league gross series with a 450. Ben Belligan holds for the men with 522. High for the evening goes to Glen Snape for his 200 game.

Red League

"Congrats" to Bob Jones for the highest scratch game bowled in any league this season to date with a nice 252 game. He also took the lead in the high gross game category with a 279. Other 200 games were J. Scesny 219, J. Petro 219, R. Nelson 213, J. Ferrero 213, E. Gill 206 and R. Adams

Green League

The Got-A Hit-Ums managed to take 7 from the "Sandbaggers" and the Blue Jays climbed within 12 points of the Got-A Hit-Ums as they took 11 from the Lucky Strikes. 200 games were L. Jacobson 226, A. White 211 and F. Stahman 206 and

Soccer

John Skalyo

The St. John's University Redmen invaded the area for a game with the Brookhaven National Laboratory soccer team on November 1, and were lucky to get away with a 1-1 tie. The game was quite different from the 6-5 wide open offensive game won by St. John's earlier this fall in that both defenses played extremely well. This was in spite of the fact that both goals were scored on defensive errors.

The first half ended in a 0-0 tie with great saves by goalie D. Feiler who was tested a few times from point blank range. R. Fairchild, W. Berner and G. Levine on the back line kept the number of shots on goal to a minimum, while L. Farrell, W. Bottcher and M. Murtagh effectively controlled the mid-field area. St. John's was also equal to the task of containing the BNL front line of J. Skalyo, P. Meyers, K. Batchelor, G. Oldham and J. McCafferty, with the goalie making saves on some fine shots by Meyer, Murtagh and Batchelor.

At the 63-minute mark a defensive error on a BNL goal kick allowed the opportunistic St. John's center forward an easy goal. At the 80-minute mark G. Oldham took the ball into the left corner, beat the fullback, and proceeded to move on the goal. The St. John's goalie left the goal area to confront the danger and Oldham lifted a chip shot just over the goalie's reach into the area of the goal mouth. At the same time, Skalyo was coming in from the opposite wing position and was met in the area by the ball and by two covering defense men who were unable to prevent him from putting the ball into the net.

Finally, BNL was deprived of victory by the clock when in the waning seconds of the game Oldham again received a clearing pass from Farrell and took the ball down the wing, again beating the fullback, he was able to singularly put the ball into the net three seconds after the 90-minute mark. Although victory eluded the BNL squad, the game was both enjoyable and well

Classified Advertisements

Placement Notices

Each week the Personnel Office lists personnel placement requisitions, currently being processed. The purpose of these listings is, first, to give notice of all non-scientific staff positions being filled and, second, to give employees an opportunity to request consideration for themselves through the Personnel Office. In filling vacancies, the Laboratory's objective is to give first consideration to present employees, as follows: employees within the immediate group having the vacancy, employees within the department or division, employees within the Laboratory as a whole

For further information regarding a placement notice, or to request consideration for an available position, contact Supervisor, Personnel Placement & Development, extension 2874 or 2882.

261. STAFF ASSISTANT - BS degree or equivalent in Business Administration with emphasis in accounting and experience in the preparation and administration of budgets, fiscal reports, and the procurement of services and materials. A working knowledge of Laboratory organizations, administrative procedures and personnel policy desirable. Instrumentation Div.

262. FIREFIGHTERS (2) - As directed, takes proper action to insure the safety of personnel and the protection of equipment and property in case of emergency requiring firemanic or related skills and/or equipment. Maintains, services and operates tools and equipment used in emergencies, in fighting fires, and in rescue and fire protection work. May be required to perform similar duties off-site. Receives training and participates in drills as required. Performs assigned duties in fire protection work, including inspections, reports and tests. Performs miscellaneous housekeeping and service details, in and around quarters and grounds. Application deadline: November 26, 1975. Health Physics & Safety Division.

263. AUTO-TRUCK MECHANIC - Under minimum supervision, performs required repairs, maintenance, servicing and incidental operation of gasoline and diesel engine driven vehicles such as automobiles, trucks, trailers and material handling equipment. Performs limited welding, brazing and painting and other body and fender repair work in order to maintain vehicles in operating order. Uses and maintains all hand and portable tools, shop machines, and equipment necessary to perform assigned work. Application deadline: November 26, 1975. Staff Services

264. MESSENGER - Under immediate supervision processes, picks up and delivers incoming, outgoing and intra Laboratory mail. Application deadline: November 26, 1975. Staff Services Division.

265. BIOLOGY ASSOCIATE - BS degree or equivalent in Biology or Chemistry to assist in genetic research. **Biology Department**

266. TECHNICIAN - AAS Degree or equivalent in Mechanical Technology to operate the 7-ft. bubble chamber. Rotating shift. Particle Detector Division. Accelerator Department

Autos & Auto Supplies

SNOW TIRES - 8 ply truck 10x16.5 on 5-hole rims, 800 mi old. \$100 pair. 581-4469.

4 RIMS W/TIRES - 900-15" tires mounted, for 1971 Chevy ½ ton pick-up. \$60 firm. Ext. 4662.

TIRES - (3) 685-15"; (3) 645-13", come have a look! Reasonable. 475-0144 after 6.

74 PINTO WAGON - 4 cyl, auto, good gas mileage, extra snow tires. Asking \$2400. 286-8560.

63 BUICK SKYLARK - Good running cond. \$125. Ext. 3649, 751-3639

57 CHEVY - 2 dr hdtp, shell W/headers. \$200. Tom, 924-8011.

67 CAMARO - Convertible, 4 spd, ps/pb, good cond. \$650 or best offer. Ext. 4383, 924-5622 eves.

2 DUNLOP SNOW TIRES - New, fits 6.85-15, \$30; 4 new Ford hubcaps, \$5. 473-7460.

59 MERC MONTCLAIR - V8, excel cond, ps, good

tires. \$375. John, 589-8290 after 5. 6 CYL CHEVY - Eng & trans, low mileage on engine,

trans just rebuilt. 732-6712.

SNOW TIRES - 650x13, used one season, 1 pair. \$15 each. 727-1194 after 4.

72 CHEVY - Low mileage, ps/pb/ac, excel cond. \$2200. Alice, Ext. 2456, 473-0178

1. The Brookhaven Bulletin's classified section may be used

2. All items for sale or rent must be the advertiser's

3. Ads for material acquired for resale in association with

4. Firearms offered for sale or trade may not be brought

Office of the Brookhaven Bulletin, Room 111, 40 Brookhaven Avenue

only by active and retired Laboratory employees

a full or part-time business cannot be accepted

For Sale: Auto & Auto Supplies

For Sale: Miscellaneous

Employee's Signature

For Sale: Boats & Marine Supplies

on site.

Classified Ad Policy

Deadline is 12 noon Monday for publication Friday of the same week.

Wanted

Carpools

Lost & Found

Ads concerning property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the

ASSORTED RIMS - O. Booker, Ext. 4719.

UNIROYAL TIRE - Glass belted; Atlas weatherguard snow tire, E78-14, 10,000 mi each. \$10 ea. Ext. 3577. 70 CHEVY NOVA - 2 dr, auto, ps, r&h, V8(307), 47,000 mi, vinyl top, must sell, good cond, no dent. Best offer, 281-6652.

NEW TUBES - For 4/5 12" trailer tire. \$3. Ext. 2485. 69 OPEL KADETT WAGON - Auto, runs well, looks ok, avail Dec 1. \$500. Matko, Ext. 4362/3107.

69 FORD LTD WAGON - Ps/pb/ac, good cond, new points, exhaust, good rubber. Asking \$800. Colin, Ext. 4154, 286-9616 after 6.

VALVE HEADS - Pontiac 326-350, rebuilt w/manifolds. \$30. Joe, 589-8290 after 5.

68 FIAT - 4 dr sedan, fair & needs work, runs, 28 mpg. Ext. 4851, 732-6995.

71 FORD PINTO - Auto, ac, 30,000 mi, excel cond. 281-6191 after 5.

71 DODGE MONACO - Ac/ps/pb, clean, runs well, auto. \$1000. 589-6151 after 6.

69 MGB - Mechanically excel, looks great, wires w/ radials, am/fm, Abarth exhaust, new batteries, 32 mpg. \$1095. Ext. 3170, 286-2320.

70 OPEL KADETT - 2 dr sedan, 59,000 mi, 2 new snows, new clutch, radio, good econ trans. 286-3742.

73 PONTIAC LEMANS - 2 dr Colonade, dark green, saddle interior, ps/pb, V8(350), auto. Asking \$2000. 281-8216 after 6.

2 TIRES - 800x16x5 12-ply like new, \$15, each or will trade for 2 large 15" tires w/without mags. 727-

2 WHEELS - Chrome reverse steel, 14", fit GM cars. \$25/pair. Vicki, Ext. 2902, 744-8765.

2 SNOW TIRES - 700-13 w/rims, 5 lug, 2%" cc, Ford product. \$10. 981-1195, 6-8.

TONNEAU COVER - For TR-250, never used, make offer. 981-1195, 6-8.

70 BUICK ELECTRA - Convertible, full power, new shocks, brakes & tuneup, ac, excel cond. \$1695. Ext.

70 CHEVY - 4 dr, Biscayne, ps/pb, A-1 cond. \$1050. Ext. 3593.

Boats & Marine Supplies

TACKLE BOX - Plano model 777, 6 drawer box, brand new, still in original carton. \$45. Phil Warner, Ext. 4636.

12' ALUM STARCRAFT - 91/2 Evinrude, Tee Nee trailer, oars, cover & accessories, perfect cond. Ext. 2482.

SKIS - 210 cm Head 360 w/out bindings. \$30. Palmer, Ext. 3780

MODEL 80 POLAROID - B&w w/flash. \$20. Ken, Ext. 4003.

CUSTOM MADE JEWELRY - In silver, coral, turquoise, heishi, etc, very reasonable. Tony Greenhouse, Ext. 4250, 928-1644.

MAPLE DOUBLE BED - W/mattress & box springs. \$45. Ext. 4667, 727-4515 after 5.

SKIS & POLES - Zenith 26, 5'4", good cond. 475-0954

OPERA TICKETS - Metropolitan, Sat matinee, Dec 27, Hansel & Gretel, 2 tickets. \$4.50 ea. Tom, Ext. 4513, 473-8196.

GREEN SPRING COAT - Checked, size 14, good cond. \$12. 744-5871.

SHIRTS - Pullover, men's med, blue & brown. \$8 for 2. Ext. 3609

HANDCRAFTED ITEMS - Ideal for Christmas gifts, this Friday 6-9 pm & Sat 10-4, 64 S. Country Rd, Bellport. Ext. 2269, 286-0299.

GARBAGE DISPOSAL - GE ½ hp, stainless steel, 6 months old; toastmaster broiler-oven. Ext. 4661.

HORSE - Baygeld, 16.2 hands, 10 yrs old, veted out, sound, jumps well, w/saddle. \$900. 744-6523.

AMER INDIAN JEWELRY - Sterling silver, turquoise, coral, bracelets, rings, earrings, necklaces. Marie,

RADIAL ARM SAW - Craftsman, 10", 2 hp motor w/ Sears matching cabinet. \$180. Ext. 4581

36 CUP COFFEE MAKER - West Bend. \$10. Pete, Ext.

3350.

FLY ROD - Pflueger reel & many accessories, never used. Ext. 2482.

5. Ads not carried because of space restrictions will be

6. Ads are run only once and must be resubmitted if they

7. Ads should be restricted to 20 words or less and typed or

printed on the form provided, and must bear the employees

held for publication in the next issue

are to be repeated

signature.

TOY POODLE - Female, 6 months old, all shots, trained, loves children, good watch dog. Asking \$250. Marc Barnett, Ext. 4581, 281-5296

.177 GERMAN AIR PISTOL - Rifled barrel, blued steel w/oversize genuine walnut target grips, single shot, hardly used. Ext. 2482.

BENNINGTON PINE BENCH - Beacon's, 48" round dark pine, solid top table, dark pine cocktail table, dark pine lamp table, very good cond. A. Francois.

SOLDIER BOY PRINT - New, single bedspread w/ matching drapes, 36"Lx48"W, \$10 for all. 751-8158.

SOLID MAPLE TABLES - W/attached lamps, \$30; single white bed, \$10; ski boots, \$5; colonial drapes for 6 windows, excel cond, \$40.751-8158.

TELESCOPE - Bausch & Lomb, 20 power, \$45; 3 men's suits, 42 reg, hand tailored in Philippines for owner, \$15 each. A. Francois, 363-7620 eves.

DYNACO STEREO PREAMP - Solid state, pilot 80w, stereo power amp, tube; scott 310 D, mono fm tuner, tube. Irv Meyer, Ext. 3038.

AQUARIUM - 10 gallon, w/stand, pump, light, backdrop, etc. \$20 takes all. Bob Larson, Ext. 4597/4656. HOUSEPLANTS - Lin, Ext. 3583, 878-4878.

INFANT SEAT - For car, Bunny Bear, reclines for slumber. Asking, \$8. Lex, Ext. 4074.

TOYS - Very good cond, Fischer Price garage, \$5; Fischer Price airport, \$6; Weebles camper, \$5. 473-

BOOTS - Brand new, 1 pair men's insulated, waterproof, outdoor, steel shank, size 9½. \$10. 473-7460. 71 COX TENT TRAILER - Sleeps 5, dinette, oversize 6 ply tires, hitch, spare, like new cond. 929-4417.

FENWICK LUNKER STIK - & Garcia 6000c, brand new. Ext. 2482

FENWICK TROUT ROD - & skirted Daiwa ultra light reel, brand new. Ext. 2482.

REVOLVER - K38, target trigger, hammer & stocks, hardly used. Ext. 2482.

RELOADING EQUIPMENT - & accessories, complete. RCBS, rock chucker & RCBS dies, .38WC, mint cond. Ext. 2482.

GE COUNTER TOP RANGE - Stainless steel, built in over, \$50; sofa & chair, \$50. 286-1855.

DOUBLE BED - Box spring, mattress, metal bed frame, old, but good. \$40. Ext. 3838, 924-3104 after 6.

LAWN MOWER - 18" Jacobson reel, used 4 times, like new, \$75. Mike, Ext. 3198, 924-8682.

SCHWINN CONTINENTAL - 10 spd, men's, odometer, generator, light set, toe clips, excel cond. \$110. Fred, Ext. 4597, 475-4935.

CRIB W/MATTRESS - Full size, \$20; coffee table, beige formica, \$8, cost \$40, for sectional. 727-1329. 23" COLOR TV - Console, good cond. \$125. Matko, Ext. 4362/3107.

FREE WASHER - Magic touch, needs pump. Mike, Ext. 4851.

DEEP WELL PUMP - Sears ¾ hp. \$35. Mike, Ext. 4851. SKIS - 185 cm, metal Ostryker w/out bindings. \$15. Ext. 2885.

BABY CAR SEAT - Peterson, very good cond. \$18.

AIR CONDITIONER - A-1 cond, large enough to cool dining & living rm area at one time. \$75. 588-4703.

CLEANING HOUSE - 9x15 rug & mat, kitchen table, organ & many others, low prices. 589-6151 after 6.

FULL SIZE VIOLIN - Bow, case, needs some work, good for beginner, \$35; girl's figure skates, size 1½, \$5. Pete, Ext. 4326.

24' TRAVEL TRAILER - 1975 Trophy, awning, glass sliding doors, split level, all appl, 250 miles, like new. \$5000. Joe, 475-7877.

71 TRAVEL TRAILER - Pop up, nimod cypress, sleeps 8, blt in stove & sink, 9x13 screen rm, extras, make offer.

LAWN VACUUM - 8 hp Billy Goat w/hose kit, very good cond. \$250. John, Ext. 4520.

MEN'S 3 SPD BICYCLE - Good cond. \$25. John, Ext.

MEN'S 25" RALEIGH GRAND PRIX - 10 sod racer. clincher tires, quick release hubs, simplex gear changer, center pull brakes, like new. Alice, Ext. 2456. 473-0178 eves.

COLOR TV - 12" Sony Trinitron w/Sony stand, \$170; Sony digimatic am/fm bedside alarm radio, \$25; both look & perform like new, avail mid-Dec. Ron, Ext. 4310, eves 3206.

HOCKEY SKATES - Children's sizes 3 & 4, excel cond. Vicki, Ext. 2902, 744-8765.

2 FOLDING CHAIRS - Lime green metal, excel cond. \$4 each. Vicki, Ext. 2902, 744-8765.

SKI BOOTS - Kastinger, men's size 91/2, excel cond. \$10. Vicki, Ext. 2902, 744-8765. SKILL SAW - 71/2, 13/4 hp, brand new, \$30; 3/11 steel

conduit, 100', \$8, Vicki, Ext. 2902, 744-8765. COFFEE TABLE - 2 step tables, blonde w/formica

tops, \$20; occasional chair, \$15; 2 lamps, \$7; pole lamp, \$5. Bob Larson, Ext. 4597. SKI BOOTS - Nordica, men's 10 med w/tree, excel

cond. \$25. 981-1195, 6-8 p.m. BOWLING BALL - Ladies, blue & white, w/good bag,

\$8, 981-1195, 6-8 p.m.

2 SETS LIONEL TRAINS - Complete w/accessories, at least 25 yrs old, like new, in boxes, reasonable offer. Joe, 732-8877 after 5.

WINCHESTER RIFLE - Lever action, western style, 22 cal, like brand new. \$70. Joe, 732-8877 after 5. HALF KEG - Stainless steel, good for mooring, buoy.

water tank, etc. \$5, 981-1195, 6-8 pm.

GOLF CART - United Rocket. \$5. 981-1195, 6-8 pm. METAL BED FRAME - Twin adjustable, needs paint. \$2. 981-1195, 6-8 pm

SELMER CLARINET - Goldentone 3, used very little. \$50. 981-1195, 6-8 pm.

SKIS - Head 195 cm, standard w/French Nevada safety bindings, head chrome 54" poles, excel cond. 981-1195, 6-8 pm.

TAPE DECK - Crown B824, in excel cond, new Nortronics heads, excel cond. \$800. Bill Marlow, Ext. 4505, 928-2803.

2 GUITARS - Excel for beginner, \$20 & \$30. Ext. 3593. STEREO AMP - Paco, 40 watt, tube type w/extra tubes. \$35. Ext. 3593.

PORTABLE DISHWASHER - Kitchenaid, top loading, excel cond, \$60; long traverse rod, 10-21', \$10; long blue curtains, 4 pairs, \$10.744-4066.

Real Estate advertised for sale or rent is available without

regard for the race, color, creed or national origin of the

Real Estate

applicant. For Sale

BROOKHAVEN HAMLET - 9 rooms, fireplace, 11/2 baths, 4-5 bedrms, study, 2½ car garage, small barn, boat landing, woods, marsh, 2.4 acres. 473-7667.

SHOREHAM - Cape cod frame & brick, living rm w/ fireplace, dining rm, 3 bedrms, 2 baths, center hall, 2-car garage, ½ acre, beach rights, many extras. \$60,000. 744-8949.

PATCHOGUE - Custom ranch, non-development, 7 rms, 1½ baths, fireplace, in-ground pool, barbeque, patio, cabana, oversized garage, basement. \$55,000. 475-5207.

SOUTHAVEN/BROOKHAVEN - Contemporary ranch, 5 min to Lab, large living rm w/fireplace, den, 3 bedrms, 2½ baths, eat-in kitchen, half-finished basement, garden house, 1 acre adj to park. \$42,000. 281-4080 after 5.

LAKE RONKONKOMA - Spacious 4 bedrm expansion ranch, 1½ baths, modern eat-in kitchen, 5 appliances, garage, fenced 1/3 acre, attractive residential area, near LIE, Nichols Rd, schools, shopping. \$39,990. George, 588-6352. BROOKHAVEN - Colonial 4 bedrm, 2½ baths, 2-car

garage, full basement, fireplace in large living rm. formal dining, country kitchen, den, ¾ acre plot, Middle Island Schools. \$51,500. 286-0158. WADING RIVER - Contemporary ranch, central air

ginia Wilson, Ext. 2883, 929-6486 after 5:30. CATSKILLS - Delaware Co, 10 acres, panoramic view, spring, open & wooded, good hunting, fishing, will

divide. \$8900. Pete, Ext. 3297, 586-3579.

cond, 3 bedrms, 2 baths, many extras. \$56,500. Vir-

3 RM APT - Furnished, new appliances, w/terrace, in Westhampton Beach, 20-25 min to Lab, year round rental. 288-2492 eves

TO SHARE - 5 bedrm house in Medford, 7 miles to Lab, \$30/week + ½ util. Jack, Ext. 4255, 289-6708.

Wanted

EXACKTA XVLLa & XVLLb - Bodies, lenses & accessories. Ext. 2482.

TWIN LENS REFLEX CAMERA - At reasonable price. Ext. 2482.

2 CAMP COTS - In good cond. 751-8158.

MEMBERS - For North Shore Hadassah, next meeting Nov 17, guest speaker from BOCES on drug abuse & alcoholism. For information, C. Kramer, 744-8632.

Mt. Sinai Fair, Sat Nov 15, 10-4, for info call 473-8950 or 928-6275. HIVE OF BEES - Art Beckwith, Ext. 3357, 929-4949

HANDICRAFTSMEN ARTISTS - Antique dealers, for

KENNEDY TOOL BOX - Henry Henck, Ext. 3498, 281-

SOFA BED - Or studio couch, in good cond, reasonable price, leave message. Pauline, Ext. 2238. TO RENT - W/option to buy, 2-3 bedrm house, North

Shore area, 928-9078. POWER STEERING PUMP - For 68 Dodge or Plymouth. Lundgren, Ext. 3800, 585-3794.

GUN BOX - Reasonable, for 2 or more hand guns,

SMALL TRIKE - 10" or 12", good cond. 744-5553. PRE-HUNG DOOR - Inside type, 30"x6'8". 744-5553.

FILE CABINET - 4 drawer, legal size. 698-9465 after 6. BABY FOOD JARS - Small; coffee cans, all sizes, for

children's Christmas projects. Pete, Ext. 3297. WAFFLE IRON - Teflon-lined, good cond. 286-3742. SOMEONE - To do home laundering. Your home. Will drop off and pick up. Once a week. Ext. 2919, 475-8173 after 6.

Lost & Found

LOST - Honda left-side cover, black plastic, about 10"x7", lost 10/29. Jeanne, Ext. 3414, 281-6776.

Car Pools

MILLER PLACE - Driver wanted for amiable car pool located in Miller Place. Susan, Ext. 3609

E SETAUKET/PORT JEFF STA - Existing car pool has opening for additional members, vicinity of Ward Melville H.S. Lew, Ext. 2462.

FISHERMAN - Do you want your catch deliciously smoked? 744-9411.

Ads left out of this issue because of lack of space need not be re-submitted in order to run in next week's issue

Send to: Brookhaven Bulletin, Building 460, 40 Brookhaven Avenue (Ext. 2345).

Life No

(Name & Phone No. To Call) Ext.

Check x the heading applying to your ad

Print or type your ad in 20 words or less.